

THIS IS A NEW APPENDIX – PLEASE READ CAREFULLY

**EPOXY COATED STEEL REINFORCEMENT
APPROVED SUPPLIERS / DISTRIBUTORS / FABRICATORS**

Approved Epoxy coating plants listed in [IM 451.03B Appendix A](#) that have acquired CRSI certification for fabrication shall be considered approved to fabricate epoxy coated steel without any additional approval requirements. All other epoxy coating plants shall be subject to the contents of this IM for fabrication approval.

Suppliers, distributors and fabricators of epoxy coated steel that do not have epoxy coating operations shall be approved prior to bidding on projects. The supplier and/or fabricator shall provide the Central Materials Office a written request to become an approved supplier or fabrication shop of reinforcing steel. This request shall include the following:

- a. Sources of epoxy coated steel that would be handled by the company and fabricated and supplied to Iowa DOT projects.
- b. Quality control procedures the company has established to ensure material identity (as to heat numbers and inventory) from the time material arrives from an epoxy coating plant or a source, through fabrication process, and shipment. Refer to [IM 451 Appendix F](#)
- c. A typical example of certification documents the company will furnish for Iowa DOT projects.
- d. Copy of an identification list, invoice or bill of materials. The documents shall show the project and design number, the size, length, grade, heat number, number and weight of pieces in the shipment and contain a certification statement that reads as follows:
- e. The material itemized in this shipment is certified to meet the requirements of the ASTM and the applicable specifications of the Iowa Department of Transportation.
- f. Each bar / bundle must be identified which shall show the grade, size, manufacturer of the bar as well as the time and the date the coating was applied and the applicable coating specifications (ASTM).
- g. Rejected coated bars may be used as a substitute of uncoated reinforcement subject to the Engineer's approval.

STEEL REINFORCING IDENTIFICATION REPORT
IM 451 and IM 451.03B

**Distributor
/ Suppliers** _____

Must be listed in [Appendix B, IM 451](#)

Rolling Mills _____

Must be listed in [Appendix D, IM 451](#)

Epoxy Coater _____

Must be listed in [Appendix A, IM 451.03B](#)

Design Number _____

Contractor's Name _____

Sub-Contractor's Name _____

Certified Mill Test Report: Attach a copy of the Certified Mill Test Report for each Heat No. listed below

Epoxy Coating Certification:

In addition, for coated bars, attach a copy of the Epoxy Powder Certificate and Epoxy Coating Test Certificates for each Lot. No.

| <u>Size</u> | <u>Length</u> | <u>Grade</u> | <u>Heat No.</u> | <u>Epoxy Coating Lot No.</u> | <u>Pieces</u> | <u>Weight</u> |
|-------------|---------------|--------------|-----------------|------------------------------|---------------|---------------|
|-------------|---------------|--------------|-----------------|------------------------------|---------------|---------------|

The material itemized in this shipment is certified to meet the requirements of the ASTM and the application specifications of the Iowa Department of Transportation.

Signature
Date _____